

NAME Union Oil Company of California
 ADDRESS Attn: John Zager
 P.O. Box 196247
 Anchorage, AK 99519-6247
 FACILITY Trading Bay Production Facility
 LOCATION Cook Inlet, Alaska

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
 DISCHARGE MONITORING REPORT (DMR)

AKG-31-5002
 PERMIT NUMBER
 MONITORING PERIOD
 YEAR 08 MO 06 DAY 01
 TO YEAR 08 MO 06 DAY 30
 DISCHARGE NUMBER 015

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	SAMPLE MEASUREMENT PERMIT REQUIREMENT	QUANTITY OR LOADING (46-53)			QUALITY OR CONCENTRATION (46-53)			NO. EX (42-43)	FREQUENCY OF ANALYSIS (54-58)	SAMPLE TYPE (59-70)
		AVERAGE	MAXIMUM	UNITS	AVERAGE	MAXIMUM	UNITS			
015 Produced Water Flow Rate*	MEASUREMENT PERMIT REQUIREMENT	3.991816	4.379382	MGD					Weekly	Estimate
015 Produced Water Produced Sand	MEASUREMENT PERMIT REQUIREMENT								Weekly	Estimate
015 Produced Water pH**	MEASUREMENT PERMIT REQUIREMENT				7		8	su	5 / Month	Grab
015 Flow Rate > 1 mgd	MEASUREMENT PERMIT REQUIREMENT				6		9	su	Weekly	Grab
015 Produced Water Oil and Grease**	MEASUREMENT PERMIT REQUIREMENT				19		20	mg/l	Weekly	Grab Average
015 Produced Water	MEASUREMENT PERMIT REQUIREMENT				29		42	mg/l	Weekly	Grab Average
015 Copper	MEASUREMENT PERMIT REQUIREMENT				8		8	µg/l	Monthly	Grab
015 Produced Water Manganese	MEASUREMENT PERMIT REQUIREMENT				47		117	µg/l	Monthly	Grab
015 Produced Water	MEASUREMENT PERMIT REQUIREMENT				2		2	mg/l	Monthly	Grab
015 Mercury	MEASUREMENT PERMIT REQUIREMENT				25		50	mg/l	Monthly	Grab
015 Produced Water	MEASUREMENT PERMIT REQUIREMENT				0.3		0.3	µg/l	Monthly	Grab
015 Silver	MEASUREMENT PERMIT REQUIREMENT				0.6		1.0	µg/l	Monthly	Grab
015 Produced Water	MEASUREMENT PERMIT REQUIREMENT				2		2	µg/l	Monthly	Grab
015 Zinc	MEASUREMENT PERMIT REQUIREMENT				23		47	µg/l	Monthly	Grab
015 Produced Water	MEASUREMENT PERMIT REQUIREMENT				0.003		0.003	mg/l	Monthly	Grab
015 Zinc	MEASUREMENT PERMIT REQUIREMENT				0.9		1.9	mg/l	Monthly	Grab

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

John Zager
 General Manager
 Mid Continent/Alaska Business Unit

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Signature of Timothy Brandenburg
 PRINCIPAL EXECUTIVE OFFICER
 OR AUTHORIZED AGENT

AREA CODE NUMBER YEAR MO DA
 (907) 276-7600 08 07 21

See Trading Bay Production Facility Page 3 of 3 for comments.

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AKG-31-5002
 PERMIT NUMBER
 MONITORING PERIOD
 YEAR 08 MO 06 DAY 01
 TO YEAR 08 MO 06 DAY 30
 DISCHARGE NUMBER
 C15

(20-21) (22-23) (24-25) (26-27) (28-29) (30-31)

NOTE: Read Instructions before completing this form.

PARAMETER (32-37)	MEASUREMENT TYPE	QUANTITY OR LOADING (54-61)	QUALITY OR CONCENTRATION (46-53)	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-65)	SAMPLE TYPE (66-70)
015 Produced Water	MEASUREMENT	AVERAGE	8		Monthly	Grab
TAH	PERMIT		18		Monthly	Grab
015 Produced Water	MEASUREMENT	SAMPLE	8		Monthly	Grab
TACH	PERMIT		Report		Monthly	Grab
015 Produced Water	MEASUREMENT	SAMPLE	No Sample		Quarterly	Grab
Total Ammonia	PERMIT		Report		Quarterly	Grab
015 Produced Water	MEASUREMENT	SAMPLE	143		Quarterly	Grab
Whole Effluent Toxicity	PERMIT		283		Quarterly	Grab
Mytilus sp. *	MEASUREMENT	SAMPLE	No Sample		Annually	Grab
015 Produced Water	MEASUREMENT	PERMIT	283		Annually	Grab
Whole Effluent Toxicity	PERMIT		568		Annually	Grab
Dendroica eximius	MEASUREMENT	SAMPLE	No Sample		Annually	Grab
015 Produced Water	MEASUREMENT	PERMIT	No Sample		Annually	Grab
Whole Effluent Toxicity	PERMIT		283		Annually	Grab
Meridia benjilina	MEASUREMENT	SAMPLE	No Sample		Annually	Grab
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John Zager General Manager Mid Continent/Alaska Business Unit	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT					
TYPED OR PRINTED		COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)		*Identified as the most sensitive species.		
TELEPHONE		DATE				
(907) 276-7600		08 07 21				

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

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ADDRESS Attn: John Zager
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ANCHORAGE, AK 99519-6247
FACILITY Trading Bay Production Facility
LOCATION Cook Inlet, Alaska


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DISCHARGE MONITORING REPORT (DMR)

AKG-31-5002 PERMIT NUMBER		015 DISCHARGE NUMBER	
MONITORING PERIOD			
YEAR 08	MO 06	DAY 01	TO YEAR 08 MO 06 DAY 30
(20-21)		(22-23) (24-25) (26-27) (28-29) (30-31)	

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COMMENTS PAGE 3 OF 3

- * Flow rates include deck drainage from Dolly Varden, Grayling, King Salmon, Monopod, and Steelhead Platforms.
Estimated workover fluid flow rate: 0.061600 MGD
Estimated well treatment fluid flow rate: 0.000336 MGD
- ** Frequency of pH measurement has been increased to more closely monitor water quality.
- *** Per Permit instructions weekly samples consist of an average of 4 grab samples over a 24 hour period.

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John Zager General Manager Mid Continent/Alaska Business Unit			 Timothy Brandenberg		(907) 276-7600		08 07 21	
TYPED OR PRINTED								
COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)								